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Gilligan et al.

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[54] METHOD OF PREPARING FLUORO,
NITRO, AND FLUORONITROALKYL
DIFLUOROFORMALS

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[57] ABSTRACT

A method of preparing difluoroformals of the formula



wherein R is $-C(NO_2)_3$, $-CF(NO_2)_2$, $-CF_2(NO_2)$,
 $-C(NO_2)_2CH_3$, or a fluoroalkyl group such as $-CF_3$
or $-CF_2CF_3$, by reacting the corresponding dichloro-
formals with hydrogen fluoride in pyridine. These di-
fluoroformals are useful as energetic explosive and pro-
pellant ingredients.

3 Claims, No Drawings